

SYSTEM AND METHOD FOR MONITORING THE STATUS OF PRESSURIZED SYSTEMS

Abstract

The monitoring system has particularly utility in monitoring the coolant system of an internal combustion engine of an automotive vehicle. The system will alert the driver of changes in the coolant system due to leaks or overheating much faster than a conventional temperature gauge. The system includes a low pressure switch connected to the coolant system by a manifold and a high pressure switch connected to the manifold. Each of these pressure switches are connected to alert displays, such as LEDs. If the pressure of the coolant system is below a preset limit, the low pressure display will alert the operator. Similarly, if the pressure of the coolant system exceeds a preset limit, the high pressure system will alert the operator. A pressure gauge can also be incorporated into this system to provide a constant status report of the pressure of the coolant system. This is particularly useful when the LEDs are powered down.